

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1173	606/139.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:28
L2	466	l1 and ring	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:27
L3	698	606/144.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:28
L4	1000	606/213.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:28
L5	371	l4 and ring	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:28
L6	1447	606/153	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:29
L7	921	606/153.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:32
L8	6	("6626930", "6875224", "6926715", "5810847", "6165183", "6312447").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:32
S1	1	"6629534".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/11 14:26
S2	3600	128/898.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 13:54
S3	573	S2 and heart and valve	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 13:25
S4	573	S2 and heart and valve\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 14:54

## EAST Search History

S5	78	("20020087148"   "20020087169"   "2108206"   "3378010"   "3671979"   "3874338"   "4056854"   "4297749"   "4484579"   "4809695"   "4917089"   "4994077"   "5042707"   "5049153"   "5069679"   "5171252"   "5209756"   "5226429"   "5254130"   "5332402"   "5383886"   "5403326"   "5411552"   "5417700"   "5423858"   "5423882"   "5450860"   "5478309"   "5478353"   "5520701"   "5522873"   "5536251"   "5542949"   "5554185"   "5571137"   "5571215"   "5618306"   "5634932"   "5640955"   "5713910"   "5716367"   "5718725"   "5769812"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5840081"   "5855614"   "5879307"   "5885271"   "5928224"   "5947363"   "5954732"   "5980455"   "5989284"   "6019722"   "6117144"   "6165183"   "6210432"   "6269819"   "6306133"   "6312447"   "6355030"   "6461366").PN. OR ("6629534").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 13:54
S6	248	S4 and annul\$9	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/02 14:54
S7	78	("20020087148"   "20020087169"   "2108206"   "3378010"   "3671979"   "3874338"   "4056854"   "4297749"   "4484579"   "4809695"   "4917089"   "4994077"   "5042707"   "5049153"   "5069679"   "5171252"   "5209756"   "5226429"   "5254130"   "5332402"   "5383886"   "5403326"   "5411552"   "5417700"   "5423858"   "5423882"   "5450860"   "5478309"   "5478353"   "5520701"   "5522873"   "5536251"   "5542949"   "5554185"   "5571137"   "5571215"   "5618306"   "5634932"   "5640955"   "5713910"   "5716367"   "5718725"   "5769812"   "5797927"   "5797960"   "5810847"   "5823956"   "5824065"   "5827237"   "5829447"   "5833671"   "5836955"   "5840081"   "5855614"   "5879307"   "5885271"   "5928224"   "5947363"   "5954732"   "5980455"   "5989284"   "6019722"   "6117144"   "6165183"   "6210432"   "6269819"   "6306133"   "6312447"   "6355030"   "6461366").PN. OR ("6629534").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 09:20

## EAST Search History

S8	497	606/157.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:48
S9	79	S8 and heart	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 10:18
S10	3600	128/898.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 13:26
S11	573	S10 and heart and valve\$2	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 13:26
S12	248	S11 and annul\$7	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/03 13:27
S13	6	("6810882").URPN.	USPAT	OR	ON	2006/05/03 14:54

## EAST Search History

S14	165	("20010018611"   "20010044568"   "20020016628"   "20020019660"   "20020022880"   "20020087173"   "20020103533"   "20020111533"   "20020124857"   "20020151961"   "20020169504"   "20020183835"   "20020183836"   "20020183837"   "20020183838"   "20020183841"   "20030078465"   "20030078654"   "20030083538"   "20030088305"   "20030105520"   "20030130730"   "20030130731"   "20030135267"   "20030144697"   "20030225454"   "20030236569"   "20040010305"   "20040019377"   "20040039443"   "20040073302"   "20040098116"   "20040102839"   "20040133192"   "20040133220"   "20040133240"   "20040133273"   "20040138744"   "20040153146"   "20040153147"   "20040158321"   "20040186566"   "20040210240"   "20040220654"   "20040220657"   "20040267358"   "20050004667"   "20050010240"   "20050021121"   "20050027351"   "4128100"   "4164046"   "4655771"   "4917698"   "4954126"   "5006106"   "5041130"   "5061275"   "5061277"   "5064431"   "5064435"   "5099838"   "5104404"   "5104407"   "5163955"   "5165403"   "5170802"   "5201880"   "5290300"   "5304131"   "5350420"   "5383892"   "5390661"   "5450860"   "5476471"   "5534007"   "5545209"   "5562619"   "5571135"   "5584879"   "5593424"   "5593442"   "5607444"   "5674280"   "5702343"   "5713949"   "5716397"   "5741274"   "5817126"   "5824066"   "5824071"   "5876419"   "5891108"   "5911732"   "5919233"   "5935081"   "5961440"   "5961545"   "5961565"   "5980552"   "6001127"   "6019739"   "6027525"   "6045497"   "6050936"   "6051020"   "6059715"   "6071292").PN. OR ("6077214"   "6077296"   "6093203"   "6095968"   "6110100"   "6123662"   "6123699"   "6143024"   "6146325"   "6155968"   "6155972"   "6161543"   "6162168"   "6165119"   "6165120"   "6165122"   "6171329"   "6174279"   "6183411"   "6183512"   "6193648"   "6203556"   "6210432"   "6217610"   "6221103"   "6230714"   "6241654"   "6248119"   "6250308"   "6260552"   "6261222"   "6264602"   "6264691"   "6325826"   "6343605"   "6350277"   "6368343"   "6402679"   "6402680"   "6402781"   "6409760"   "6537314"   "6569198"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 07:58
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## EAST Search History

S15	1	"6210432".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 07:58
S16	41	("5876419"   "5980552"   "6027525"). PN. OR ("6210432").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 08:22
S17	1	"6565603".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 12:06
S18	1	"6250308".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 12:57
S19	1	"5452733".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 13:09
S20	1	"6182644".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 13:18
S21	1	"6182664".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 13:20
S22	1	"5752526".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/04 13:21
S23	1	"20050033446"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/06 11:11

## EAST Search History

S24	47	(US-20050184122-\$ or US-20050021056-\$ or US-20040003819-\$ or US-20020183836-\$ or US-20020056461-\$ or US-20040143277-\$ or US-20040199183-\$ or US-20020029783-\$ or US-20010003986-\$ or US-20050033446-\$).did. or (US-6629534-\$ or US-7037334-\$ or US-6986775-\$ or US-6945978-\$ or US-6875224-\$ or US-6312447-\$ or US-6269819-\$ or US-6165183-\$ or US-5989284-\$ or US-6810882-\$ or US-6797001-\$ or US-6709456-\$ or US-6652555-\$ or US-6532964-\$ or US-6250308-\$ or US-5653749-\$ or US-5593435-\$ or US-5593424-\$ or US-5450860-\$ or US-4960424-\$ or US-6702826-\$ or US-6994093-\$ or US-6978176-\$ or US-6217610-\$ or US-6143024-\$ or US-5824066-\$).did. or (US-5716397-\$ or US-5674280-\$ or US-5350420-\$ or US-5201880-\$ or US-5104407-\$ or US-5064431-\$ or US-5041130-\$ or US-4164046-\$ or US-7004958-\$ or US-7004176-\$ or US-6976995-\$).did.	US-PGPUB; USPAT	OR	ON	2006/05/06 11:23
S25	19	S24 and chordae	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/06 11:23
S26	83	623/23.6.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/06 11:34
S27	27	("4042979"   "4106129"   "4183102"   "4290151"   "4345340"   "4489446"   "4535483"   "4602911"   "4917698"   "5061277"   "5071431"   "5163953"   "5201880"   "5258021").PN. OR ("5593435").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/06 13:20
S28	20	opposed same chordae	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:01
S29	497	606/157.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:48
S30	8	S29 and chord\$4	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:51

## EAST Search History

S31	539	(link\$3 or attach\$3) and chordae	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:52
S32	244	(link\$3 or attach\$3) same chordae	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:53
S33	0	S32 and @ad<"01012000"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 09:53
S34	41	S32 and @ad<"20000101"	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 11:03
S35	5614	606/139.ccls. or 606/144.ccls. or 606/148.ccls. or 606/151.ccls. or 606/157.ccls. or 606/224.ccls. or 606/228.ccls. or 606/159.ccls. or 623/2.12.ccls. or 623/2.13.ccls. or 623/2.14.ccls. or 623/2.15.ccls. or 623/2.16.ccls. or 623/2.17.ccls. or 623/2.18.ccls. or 623/2.19.ccls	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 11:05
S36	120	S35 and chordae	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 13:48
S37	1	"6143024".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 13:51
S38	20	("3671979", "3874338", "4056854", "4484579", "4917089", "4994077", "5226911", "5234437", "5250071", "5261916", "5312415", "5332402", "5350397", "5411552", "5554185", "5690671", "5719725", "5769812", "5797960", "5823956").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 13:59
S39	37	2003/0078654, 2003/0069636, 2003/0069593, 2003/0069570, 2004/0039443, 2004/0039442, 2004/0030382, 2004/0019378, 2004/0019377, 2004/0003819	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 13:59
S40	15	2003/0078654	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 13:59
S41	0	(2003/0078654, 2003/0069636, 2003/0069593, 2003/0069570, 2004/0039443, 2004/0039442, 2004/0030382, 2004/0019378, 2004/0019377, 2004/0003819).apn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:01

## EAST Search History

S42	0	(2003/0078654, 2003/0069636, 2003/0069593, 2003/0069570, 2004/0039443, 2004/0039442, 2004/0030382, 2004/0019378, 2004/0019377, 2004/0003819).ap.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:01
S43	0	(2003/0078654, 2003/0069636, 2003/0069593, 2003/0069570, 2004/0039443, 2004/0039442, 2004/0030382, 2004/0019378, 2004/0019377, 2004/0003819).rlan.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:02
S44	0	2003/0078654.apn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:02
S45	15	2003/0078654	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:05
S46	0	(2003/0078654,2003/0069636, 2003/0069593,2003/0069570, 2004/0039443,2004/0039442, 2004/0030382,2004/0019378, 2004/0019377,2004/0003819).CCLS.	US-PGPUB	OR	OFF	2006/05/08 14:06
S47	0	(2003/0078654).CCLS.	US-PGPUB	OR	OFF	2006/05/08 14:06
S48	0	(2003/078654).CCLS.	US-PGPUB	OR	OFF	2006/05/08 14:06
S49	0	(2003/78654).CCLS.	US-PGPUB	OR	OFF	2006/05/08 14:06
S50	6	("5829447", "5840081", "5855614", "6626899", "6629534", "6689164").pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:36
S51	1	"6269819".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/08 14:36